

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-4 (CANCELLED):

5 (CURRENTLY AMENDED):      A scanning system comprising:

                                         a print device with a scanner function, which allows printing and scanning by selectively mounting a print head and scan head on a head mounting portion, wherein said print device includes a detector configured to detect selectively a print sheet in the printing and an original to be scanned in the scanning; and

                                         an external computer which is connected to said print device to be able to communicate therewith, and comprises a scanner software for controlling scanning operation of said print device,

                                         wherein ~~when~~ in a case said scan head is mounted on said head mounting portion and ~~an original is set on said print device~~ said detector detects the original to be scanned in the scanning, said print device communicates with said external computer to ~~start~~ execute the scanning by said scanner software.

6 (ORIGINAL):      The system according to claim 5, wherein said print device is designed to send a scanner start signal to said external computer when said scan head is mounted on said head mounting portion, said scanner software comprises a detection module for detecting the

scanner start signal, said detection module alone in said scanner software is running in a standby state in which said printer device has not been started as a scanner, and modules other than said detection module in said scanner software are started when said detection module detects the scanner start signal.

7 (ORIGINAL): The system according to claim 6, wherein when all the modules in said scanner software are running, said detection module uses a sufficiently small work area of said external computer compared to other modules.

8 (ORIGINAL): The system according to claim 5, wherein said print head is an ink-jet print head.

9 (ORIGINAL): The system according to claim 5, said scanner software further comprising a prescan selection ~~means~~ module for selecting whether or not a prescan is made upon scanning the original, and wherein when said scanner software is started and it is selected by said prescan selection ~~means~~ module that the prescan is to be made, an image of the original is prescanned and read into said scanner software.

10 (ORIGINAL): The system according to claim 9, wherein said scanner software displays the prescanned and read image.

11 (CURRENTLY AMENDED): A scanning system comprising:

a print device with a scanner function, which allows printing and scanning by selectively mounting a print head and a scan head on a head mounting portion, wherein said print device includes a detector configured to detect selectively a print sheet in the printing and an original to be scanned in the scanning; and

B<sub>1</sub>  
an external computer which is connected to said print device to be able to communicate therewith, and comprises a scanner software which can control scanning of said print device, and an application software which can edit an image scanned from said print device, wherein ~~when~~ in a case that said scan head is mounted on said head mounting portion and ~~an~~ said detector detects the original to be scanned in the scanning is set on said print device and said application software is running, said print device communicates with said external computer ~~to start said scanner software,~~ to read an image of the original to be scanned into said scanner software, and to transfer the read image to said application software.

12 (ORIGINAL): The system according to claim 11, wherein said print device is designed to send a scanner start signal to said external computer when said scan head is mounted on said head mounting portion, said scanner software comprises a detection module for detecting the scanner start signal, said detection module alone in said scanner software is running in a standby state in which said printer device has not been started as a scanner, and modules other than said detection module in said scanner software are started when said detection module detects the scanner start signal.

13 (ORIGINAL): The system according to claim 12, wherein when all the modules in said scanner software are running, said detection module uses a sufficiently small work area of said external computer compared to other modules.

14 (ORIGINAL): The system according to claim 11, wherein said print head is an ink-jet print head.

B1  
15 (CURRENTLY AMENDED): The system according to claim 11, said scanner software further comprising prescan selection ~~means~~ module for selecting whether or not a prescan is made upon scanning the original, and wherein when said scanner software is started and it is selected by said prescan selection ~~means~~ module that the prescan is to be made, an image of the original is prescanned and read into said scanner software.

16 (ORIGINAL): The system according to claim 15, wherein said scanner software displays the prescanned and read image.

17 (ORIGINAL): The system according to claim 11, wherein said scanner software comprises application software run detection means for detecting whether or not said application software is running.

18 (CANCELLED):

§ 5 C1) 19 (CURRENTLY AMENDED): A method of controlling a scanning system, which comprises a print device with a scanner function, which allows printing and scanning by selectively mounting a print head and scan head on a head mounting portion, wherein said print device includes a detector configured to detect selectively a print sheet in the printing and an original to be scanned in the scanning, and an external computer which is connected to said print device to be able to communicate therewith, and comprises a scanner software which can control scanning of said print device, comprising the step of:

B1  
controlling said print device to communicate with said external computer so as to ~~start execute the scanning by said scanner software and to read an image of the original into said scanner software, when~~ in a case that said scan head is mounted on said head mounting portion and an original is set on said print device said detector detects the original to be scanned in the scanning.

20 (CURRENTLY AMENDED): A method of controlling a scanning system, which comprises a print device with a scanner function, which allows printing and scanning by selectively mounting a print head and scan head on a head mounting portion, wherein said print device includes a detector configured to detect selectively a print sheet in the printing and an original to be scanned in the scanning, and an external computer which is connected to said print device to be able to communicate therewith, and comprises a scanner software which can control

PATENT

Application Serial No. 09/334,510  
Amendment dated August 11, 2003  
Reply to Office Action of May 20, 2003  
Docket No. 1232-4544

scanning of said print device, and an application software which can edit an image scanned from said print device, comprising the step of:

controlling said print device to communicate with said external computer so as to ~~start said scanner software, to read an image of the original to be scanned into said scanner software, and to transfer the read image to said application software, when in a case that said scan head is mounted on said head mounting portion and an original is prepared on said print device and said application software is running~~ said detector detects the original to be scanned in the scanning.

21 (CANCELLED):

22 (CURRENTLY AMENDED): A storage medium that stores a control program for controlling a scanning system, which comprises a print device with a scanner function, which allows printing and scanning by selectively mounting a print head and scan head on a head mounting portion, wherein said print device includes a detector configured to detect selectively a print sheet in the printing and an original to be scanned in the scanning, and an external computer which is connected to said print device to be able to communicate therewith, and comprises a scanner software which can control scanning of said print device, said control program comprising:

a code of the step of controlling said print device to communicate with said external computer so as to ~~start~~ execute the scanning by said scanner software ~~and to read an~~

~~image of the original into said scanner software, when in a case that said scan head is mounted on said head mounting portion and an original is set on said print device said detector detects the original to be scanned in the scanning.~~

31  
23 (CURRENTLY AMENDED): A storage medium that stores a control program for controlling a scanning system, which comprises a print device with a scanner function, which allows printing and scanning by selectively mounting a print head and scan head on a head mounting portion, wherein said print device includes a detector configured to detect selectively a print sheet in the printing and an original to be scanned in the scanning, and an external computer which is connected to said print device to be able to communicate therewith, and comprises a scanner software which can control scanning of said print device, and an application software which can edit an image scanned from said print device, said control program comprising:

a code of the step of controlling said print device to communicate with said external computer so as to ~~start said scanner software, to read an image of the original to be scanned~~ into said scanner software, and to transfer the read image to said application software, ~~when in the case that~~ said scan head is mounted on said head mounting portion and ~~an original is set on said print device and said application software is running~~ said detector detects the original to be scanned in the scanning.

24 (PREVIOUSLY PRESENTED): A scanning system comprising:

a print device with a scanner function, which allows printing and scanning by

selectively mounting a print head and a scan head on a head mounting portion;

an external computer which is connected to said print device to be able to communicate therewith, and comprises scanner software for controlling scanning of said print device; and

a detector adapted to detect that said scan head is mounted on said head mounting portion, wherein said print device communicates with said external computer to start said scanner software when that said detector detects that said scan head is mounted on said head mounting portion.

31  
25 (PREVIOUSLY PRESENTED): The system according to claim 24, wherein said print device is designed to send a scanner start signal to said external computer when said scan head is mounted on said head mounting portion, said scanner software comprises a detection module for detecting the scanner start signal, said detection module alone in said scanner software is running in a standby state in which said printer device has not been started as a scanner, and modules other than said detection module in said scanner software are started when said detection module detects the scanner start signal.

26 (PREVIOUSLY PRESENTED): The system according to claim 25, wherein when all the modules in said scanner software are running, said detection module uses a sufficiently small work area of said external computer compared to other modules.



27 (PREVIOUSLY PRESENTED): The system according to claim 24, wherein said print head is an ink-jet print head.

B<sub>1</sub>  
28 (PREVIOUSLY PRESENTED): A method of controlling a scanning system which comprises a print device with a scanner function which allows printing and scanning by selectively mounting a print head and a scan head on a head mounting portion, an external computer which is connected to said print device to be able to communicate therewith, and scanner software for controlling scanning of said print device, said method comprising the step of:

controlling a detector adapted to detect that said scan head is mounted on said head mounting portion, wherein said print device communicates with said external computer to start said scanner software when said detector detects that said scan head is mounted on said head mounting portion.

29 (PREVIOUSLY PRESENTED): A storage medium that stores a control program for controlling a scanning system which comprises a print device with a scanner function which allows printing and scanning by selectively mounting a print head and a scan head on a head mounting portion, an external computer which is connected to said print device to be able to communicate therewith, and scanner software for controlling scanning of said print device, said control program comprising:

code for controlling a detector adapted to detect that said scan head is mounted on

PATENT

Application Serial No. 09/334,510  
Amendment dated August 11, 2003  
Reply to Office Action of May 20, 2003  
Docket No. 1232-4544

31  
C. 2  
said head mounting portion, wherein said print device communicates with said external computer  
to start said scanner software when said detector detects that said scan head is mounted on said  
head mounting portion.

---